

FHWA APPROVAL

DATE:

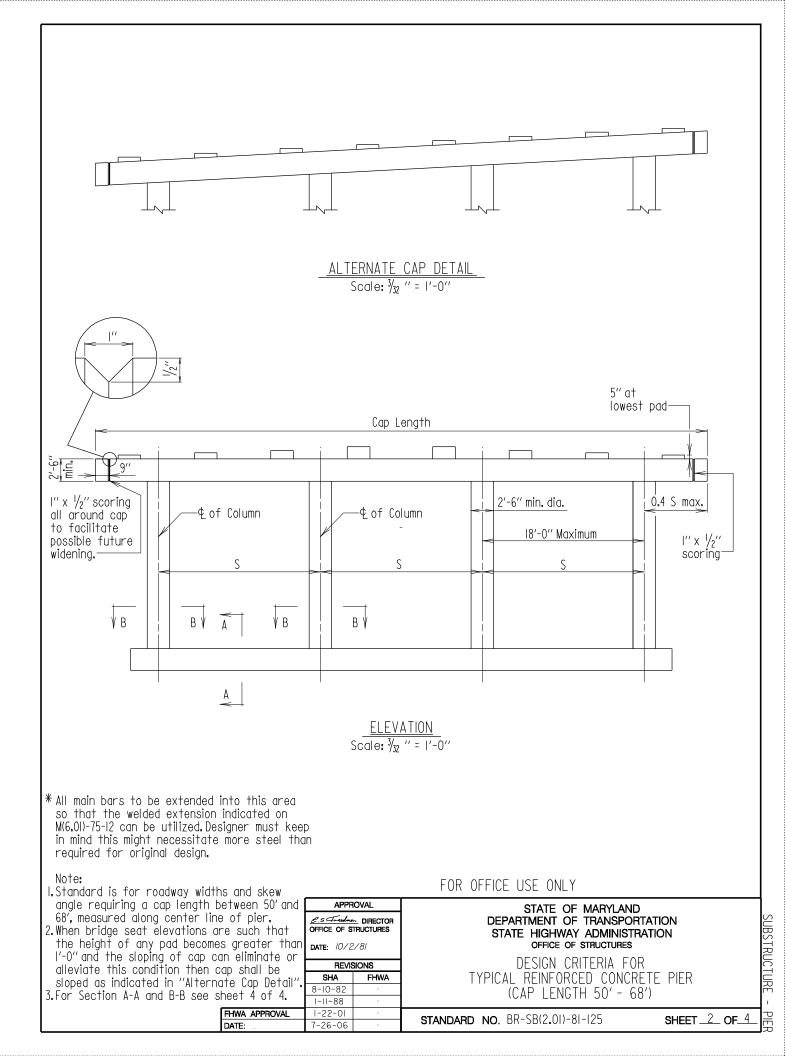
1-22-01

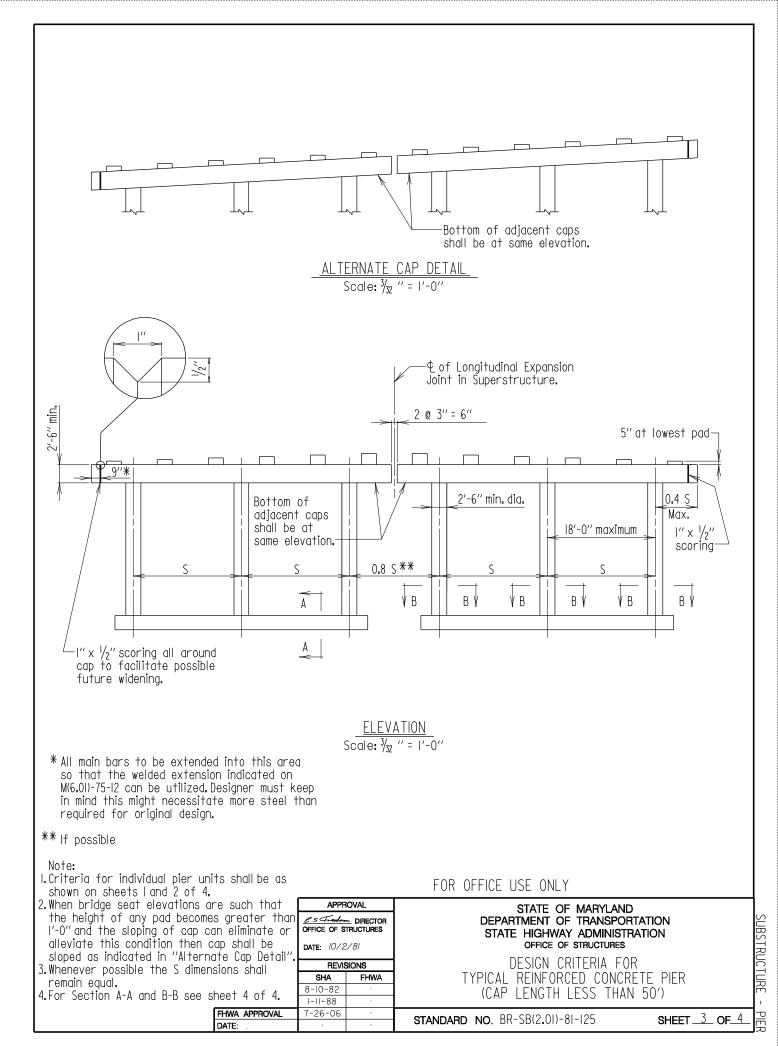
7-26-06

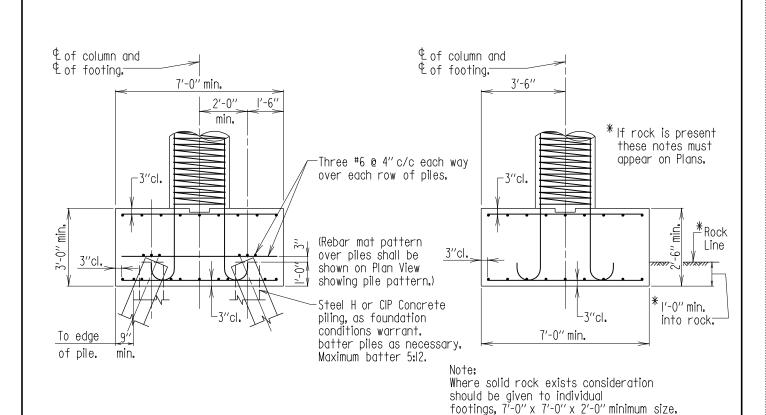
STANDARD NO. BR-SB(2.01)-81-125

JBSTRUCTURE -

SHEET ____ OF_4



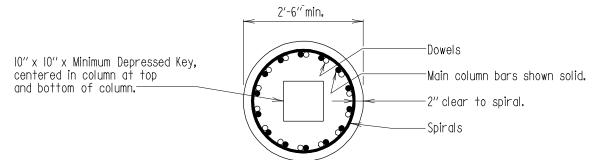




Scale: 1/4" = 1'-0"

SECTION A-A SPREAD FOOTING

Scale: 1/4" = 1'-0"



MAXIMUM NUMBER OF MAIN COLUMN BARS				
Column	Reinforcing Bar Size			
Diameter	#.9	#10	# -	
2'-6''	16	15	14	
2'-8''	18	16	15	
2'-10''	19	18	17	
3'-0''	20	19	18	
3'-2''	2:2	20	19	
3′-6′′	25	23	22	

<u>SECTION B-B</u> Scale: 1/2" = 1'-0"

FOR OFFICE USE ONLY

Note:
I.Reinforcing steel for column spirals shall be
cold drawn steel conforming to ASTM A 82.
2. The design bearing pressure for spread
footings shall be shown on applicable Pier
Sheet thus: "Maximum Design Bearing Pressure
for Pier is Tons/s.f."

APPROVAL		
OFFICE OF S		
DATE: 10/2	2/81	
REVISIONS		
SHA	FHWA	
7-20-82		

3-20-95

1-22-01

FHWA APPROVAL

DATE:

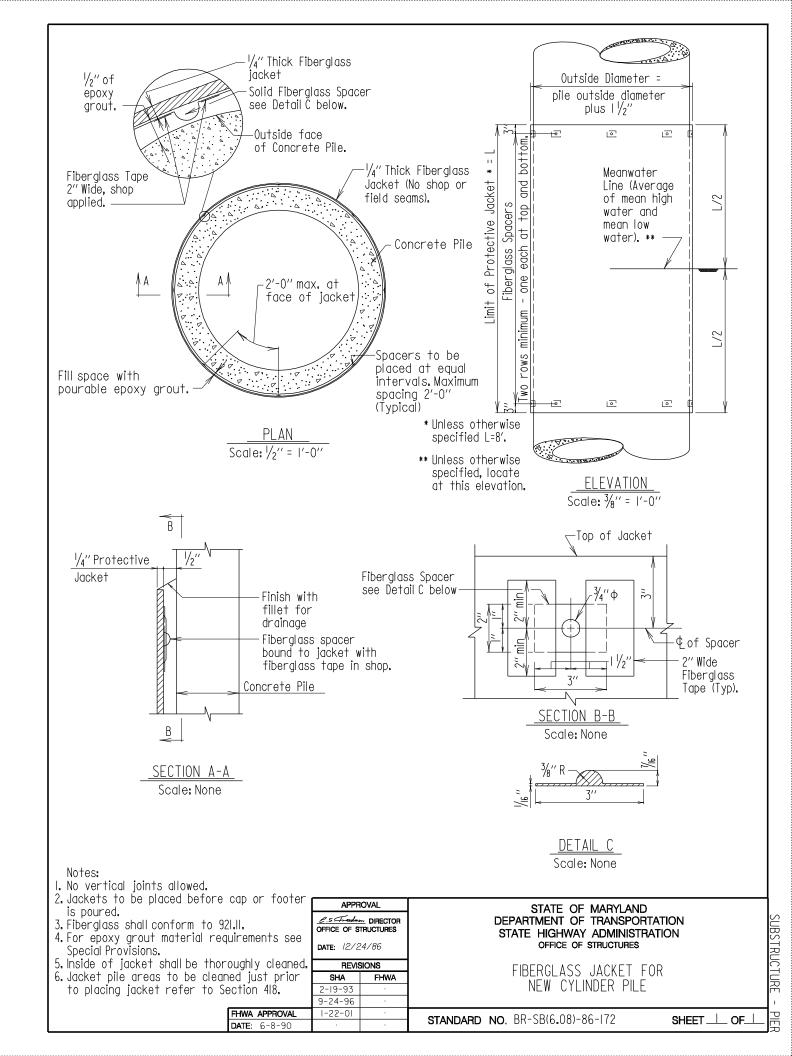
STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION
OFFICE OF STRUCTURES

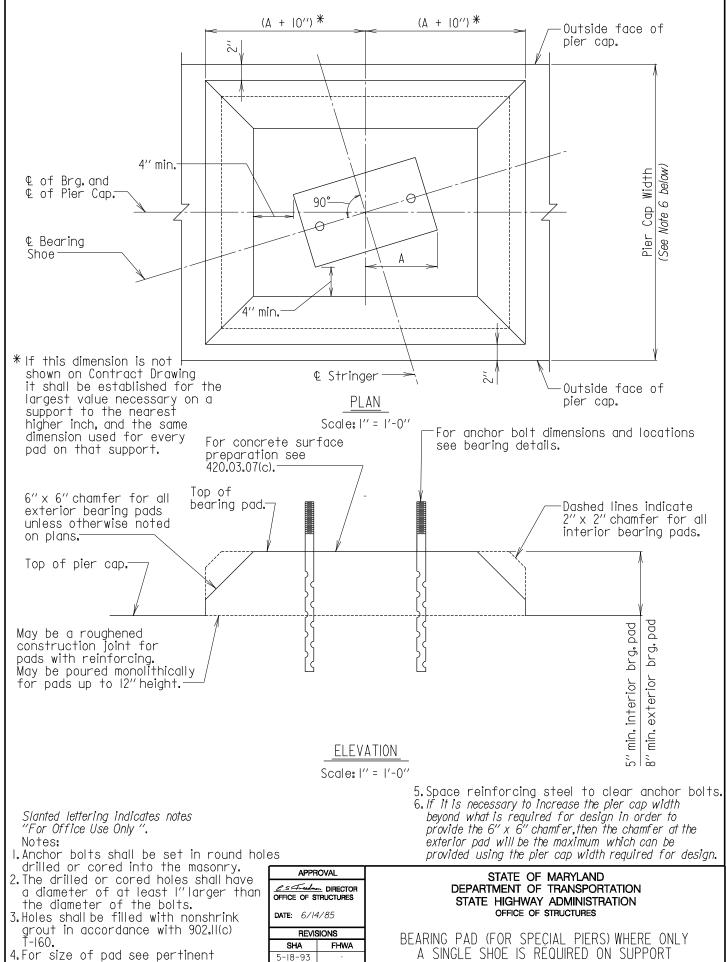
DESIGN CRITERIA FOR TYPICAL REINFORCED CONCRETE PIER

STANDARD NO. BR-SB(2.01)-81-125

SHEET 4 OF 4

SUBSTRUCTURE -





substructure sheets, if not available

see note in plan above.

1-4-94

1-22-01

7-26-06

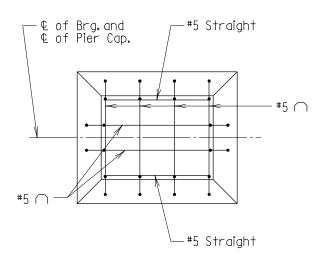
STANDARD NO. BR-SB(6.09)-85-175

FHWA APPROVAL

DATE: 6-8-90

SUBSTRUCTURE PI

SHEET ___ OF_2

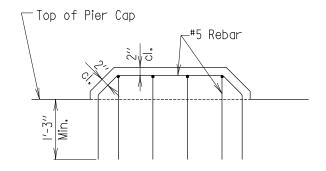


€ of Brg.and € of Pier Cap. #5 □ #5 □ -#5 Straight

-#5 Straight

<u>PLAN</u>

<u>PLAN</u>



Top of Pier Cap #5 Rebar 1,-3,, Min.

ELEVATION

ELEVATION

EXTERIOR BEARING PAD Scale: $\frac{1}{2}$ " = 1'-0"

FHWA APPROVAL

INTERIOR BEARING PAD Scale: $\frac{1}{2}$ " = 1'-0"

OFFICE OF STRUCTURES				
DATE : 5/18/93				
REVISIONS				
SHA	FHWA			
•				

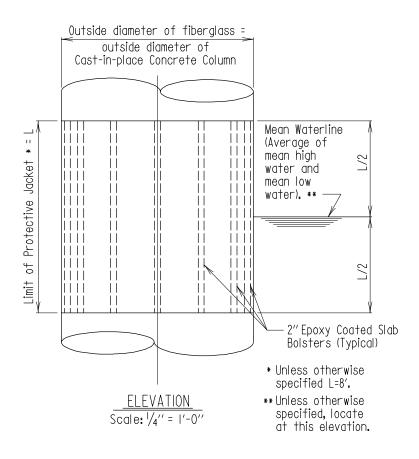
APPROVAL

STATE OF MARYLAND DEPARTMENT OF TRANSPORTATION STATE HIGHWAY ADMINISTRATION OFFICE OF STRUCTURES

BEARING PAD (FOR SPECIAL PIERS) WHERE ONLY A SINGLE SHOE IS REQUIRED ON SUPPORT

STANDARD NO. BR-SB(6.09)-85-175

SHEET 2 OF 2



Notes:

- I. For fiberglass requirements see 921.11.
- 2. For other fiberglass jacket requirments see Special Provisions.
- 3. Inside of jacket shall be thoroughly cleaned.

FHWA APPROVAL

DATE: 6-8-90

APPROVAL			
	Treedmon DIRECTOR OF STRUCTURES		
DATE:	12/24/86		

REVISIONS
SHA FHWA
1-26-88 6-8-90
2-19-93 ·

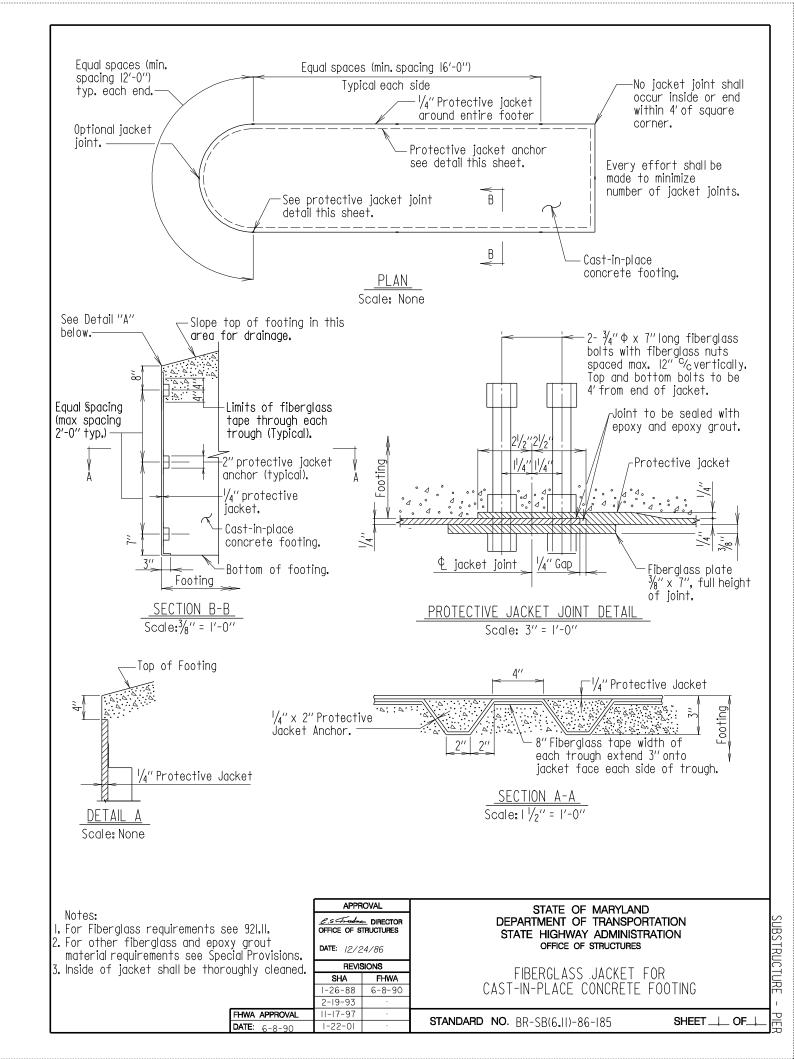
1-22-01

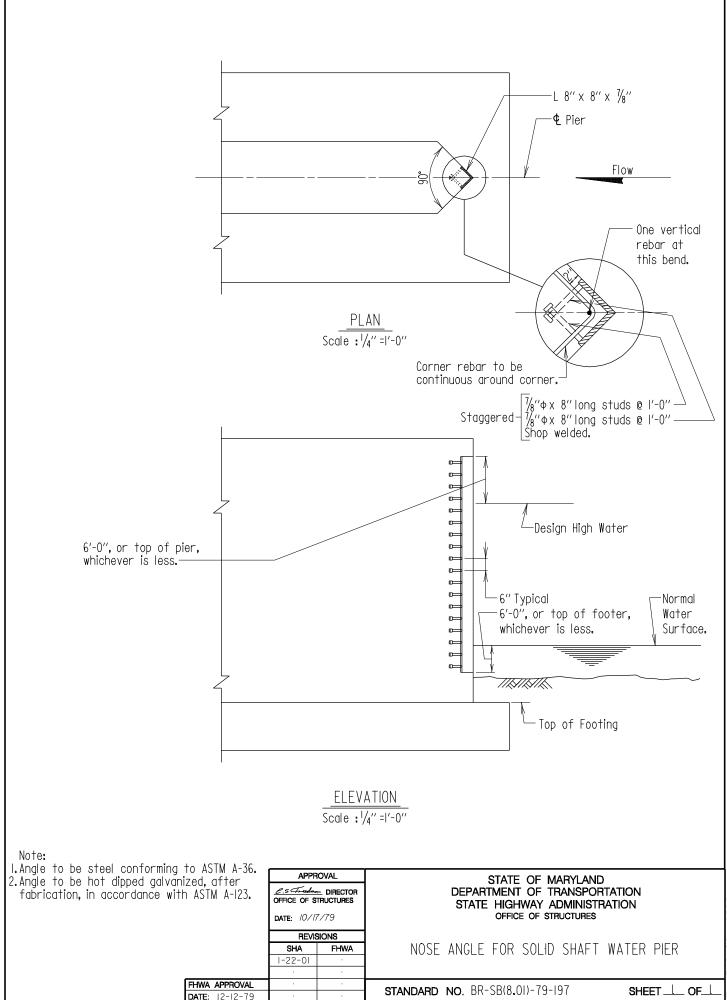
STATE OF MARYLAND DEPARTMENT OF TRANSPORTATION STATE HIGHWAY ADMINISTRATION OFFICE OF STRUCTURES

FIBERGLASS JACKET FOR CAST-IN-PLACE CONCRETE COLUMN

STANDARD NO. BR-SB(6.12)-86-184

SHEET ____ OF__





SUBSTRUCTURE